

From: [Warr \(Kettler\), Kristie](#)
To: [Moore, Gary](#)
Cc: [Cobb, Derrick](#); [Criner, Jeffrey J.](#)
Subject: RE: CES Analytical data
Date: Monday, September 08, 2014 9:29:05 AM
Attachments: [CES Sample Tracking 20140908.xlsx](#)

Good morning Gary,

The lab emailed me late Friday evening with realistic expectations on sample results from the waste samples collected over the past couple weeks. They have adjusted priority of the analyses as described in the email below. Please see the attached tracking spreadsheet. It includes all samples collected at CES to date (with the exception of the samples collected during the ER, per your request). The due dates have been adjusted to show the dates provided by the lab. In these new dates, they have allowed for a little extra time with each due date based on the issues they have already encountered. However, as always, matrix issues are unpredictable. They have indicated that we will be notified immediately if any additional issues (besides what they have already predicted) are encountered. If any of the data is received prior to the due dates listed in the spreadsheet, I will send it along immediately.

Please let me know if you have any questions.

Kristie

From: Warr (Kettler), Kristie
Sent: Friday, September 05, 2014 3:57 PM
To: Gary Moore
Cc: Cobb, Derrick; Criner, Jeffrey J.
Subject: CES Analytical data

Gary,

Derrick and I just had a conference call with the laboratory regarding the waste samples from CES. As we expected, the lab is experiencing significant difficulty with the samples. They stated that the extraction process is averaging 3 days (rather than the normal 1 day) due to numerous reasons. These reasons include issues such as cross contamination due to the difficult matrices. Some of their glassware is not able to be cleaned and decontaminated due to the samples. Therefore, they are having to dispose of glassware after it comes in contact with these samples. Additionally, the samples have a wide variation on the level of contamination. This prevents the lab from handling a "group" of samples the same.

After they extract the samples, they are then encountering various issues with sample analysis. These reasons include issues such as internal standard or surrogate recoveries, the need for dilutions, and matrix interference. Some of the issues actually require a re-extraction and re-analysis. We learned that the lab was prioritizing the totals analyses first and then moving on with the TCLP analyses. We asked them to switch the priority to TCLP and RCI parameters first and then totals analysis. We switched the priority hoping that this information will help to make decisions on disposal. Based on our conversation, we have asked that they evaluate all samples and the stage of extraction/analysis and give us a very realistic expectation of due dates for all samples received last week.

As soon as I get dates from the lab, I will pass them along.

Thanks,

Kristie

Kristie Warr

Weston Solutions, Inc.
5599 San Felipe, Suite 700
Houston, TX 77056
email: K.Warr@WestonSolutions.com
Office: 713.985.6636
Cell: 832.444.7976

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.